



>>Entry Name: 4-Chloro-3-pyridinecarboxaldehyde, 9Cl

Synonym(s): 4-Chloro-3-formylpyridine

CAS Registry Number: 114077-82-6

Structure by analogy with 2-Chloro-3-pyridinecarboxaldehyde, [MBW67-L](#)

Molecular Formula: C₆H₄ClNO

Molecular Weight: 141.556

Accurate Mass: 140.998141

Percentage Composition: C 50.91%; H 2.85%; Cl 25.04%; N 9.89%; O 11.30%

Physical Description: Cryst. (Et₂O/hexane)

Melting Point: Mp 50°

>>Derivative: Hydrate

Synonym(s): 4-Chloro-3-(dihydroxymethyl)pyridine

Molecular Formula: C₆H₆ClNO₂

Molecular Weight: 159.572

Accurate Mass: 159.008706

Percentage Composition: C 45.16%; H 3.79%; Cl 22.22%; N 8.78%; O 20.05%

Melting Point: Mp 188 dec.°

References:

Marsais, F. *et al.*, *J. Het. Chem.*, 1988, **25**, 81-87, (*synth, pmr, ir*)

Albanese, D. *et al.*, *Synthesis*, 1999, 1294-1296, (*synth, pmr*)